



# News Release

## Defense Advanced Research Projects Agency

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IMMEDIATE RELEASE

August 5, 2004

### **DARPA AND AIR FORCE AWARD FALCON PHASE II TASK 2 EFFORT**

The Defense Advanced Research Projects Agency (DARPA) and the U.S. Air Force today awarded Lockheed Martin Corp., Lockheed Martin Aeronautics Co., Palmdale, Calif., a \$8,360,384 other transaction for prototypes agreement for the second phase of Task 2 of the Falcon program. Task 2 is the hypersonic technology vehicle portion of the program.

Lockheed Martin heads a team made up of Lockheed Martin Space Systems Co., King of Prussia, Penn.; Lockheed Martin Missiles and Fire Control, Orlando, Fla.; Aerojet, Sacramento, Calif.; Pyrodyne Inc., New Market, Md.; and Alliant Techsystems GASL, Ronkonkoma, N.Y.

Under the newly awarded agreement, the team will conduct a six-month phase IIa preliminary design effort. At the successful conclusion of Phase IIa, Lockheed Martin will begin the 30-month phase IIb to complete detailed design, fabrication and flight-test of an initial hypersonic technology testbed vehicle. Lockheed Martin was chosen through a limited competition among the four participants in the first phase of the Falcon Task 2 effort. Lockheed Martin could receive up to an additional \$97,069,875 in funding for phase IIb.

The goal of the joint DARPA/Air Force Falcon Task 2 program is to develop and validate, in-flight, hypersonic technologies. These technologies include durable high-temperature materials, thermal protection systems, advanced guidance, navigation and control, efficient aerodynamic configurations, and innovative propulsion concepts. The Falcon program will develop these technologies in a spiral development fashion concluding with multiple flight demonstrations in phase III.

An image of the Lockheed Martin concept is available at <http://www.darpa.mil/body/news.html>. The names of the phase I contractors are listed in a November 2003 press release available at [http://www.darpa.mil/body/NewsItems/pdf/falcon\\_ph\\_1.pdf](http://www.darpa.mil/body/NewsItems/pdf/falcon_ph_1.pdf).

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